

## Patent Abstracts of Japan

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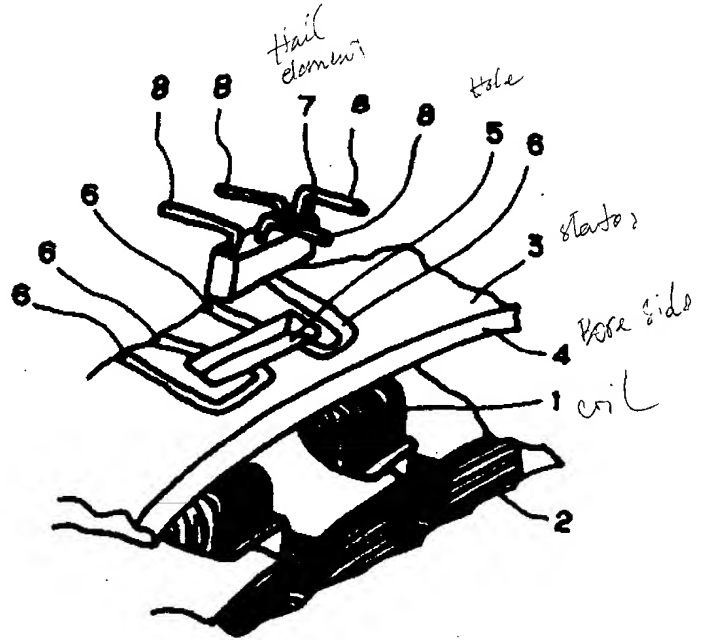
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TITLE : ASSEMBLING METHOD FOR  
BRUSHLESS MOTOR



**ABSTRACT :** **PURPOSE:** To facilitate the assembling of a brushless motor by forming a through hole at the prescribed position of a printed board, inserting a Hall element, bending the lead wires of the element in a plane, and connecting the wirings of the board.

**CONSTITUTION:** A printed board 3, at which a through hole 5 is opened at the bore side 4, is arranged to be superposed on a stator core 3, on which a coil 1 is wound. The lead wirings 8 of a Hall element 7 are bent in a plane, a Hall element 7 is inserted into the hole 5 of the board 3, and is soldered at 9 fixedly to the wirings 6 of the board 3. Thereafter, resin is molded in assembling. In this manner, the element can be accurately contained at the prescribed position, and mounting such as soldering can be readily and effectively performed.

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